

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
HOT MIX ASPHALT QUALITY CONTROL TEST WORKSHEET

Type Mix: _____
Plant Location: _____
Plant Cert No: _____

QC Sample Date: _____
QC Sample No.: _____
JMF No.: _____

JMF Pba: _____
JMF Gse: _____
JMF Gsb: _____

MD Gb: _____
Calculated Gse: _____
Corrected Gsb: _____

Dry & Pan Weights		Pan Wt.
Agg Wt after Ignition		<0.2% of Dry Wt After Sieving?
Dry Wt after Wash		
Pan Weight		
% Loss from Sieving		

Furnace Weights		Furnace
Basket + Mix		Scale Within 5.0 grams?
Basket Wt.		
Total Mix Wt.		
Furnace Readout		

% Binder (Pb)	
JMF %Binder	
% Binder from Burn	

Moisture Content	
Mix Sample Weight	
Mix Dry Weight	
Mix % Moisture	

VMA	
VFA	
%Gmm@Nini	
Po.075 / Pbe Ratio	

Gradation Data (all weights are after burn weights)						
SIEVE	Accumulated Weight	Percent Retained	% Pass (A)	Correction Factor (B)	TOTAL PASS (A+B)	JMF
37.5 mm						
25.0 mm						
19.0 mm						
12.5 mm						
9.5 mm						
4.75 mm						
2.36 mm						
1.18 mm						
.600 mm						
.300 mm						
.150 mm						
.075 mm						
PAN				Constant =		

Hot Bin Weights	#1	#2	#3	#4	#5
Batch Plant					
Cold Feed (materials)					
Percentages					

Gmm (Rice) Test Data	
A. Weight of Container	
B. Weight of Container + Mix	
C. Weight of Container + Mix In Water	
D. Weight of Container (hanging in water)	
E. Uncorrected Maximum Specific Gravity	$\frac{B - A}{(B - A) - (C - D)}$
Weighing Interval	
0 Min	
15 Min	
30 Min	
45 Min	
60 Min	
75 Min	
F. Weight of Pan + Final Sample Weight	
G. Weight of Pan	
H. Max Specific Grav	$\frac{B - A}{(F - G) - (C - D)}$
I. Dry Back Correction Factor	
J. (E) - (I) = Corrected Value	
K. Reheat Correction Factor	
L. (H) x (J)Corrected Max Specific Gravity	

Gyratory Compacted Specimen Test Data														
Specimen No.	A). Height @ Nini	B).Height @ Ndes	C). Dry In Air	D). SSD In Air	E). Weight In Water	F). Gmb @ Ndes' Measured	G). Gmb @ Ndes' Estimated	SAMPLE VOLUME		J). Correction Factor	K). Gmb @Nini Estimated	L). Gmb @Nini Corrected	M). Gmm Rice Grav	N). VTM @' Ndes
								H). '@' Nini	I). '@' Ndes					
	Measured	Measured	Measured	Measured	Measured	Measured	C / (D-E)	C / I	Ax17.6715	Bx17.6715	F / G	C / H	J x K	Measured
1														
2														
3														
AVERAGES														

NOTE: BY PROVIDING THIS DATA UNDER MY SIGNATURE AND / OR HICAMS CERTIFICATION NUMBER, I ATTEST TO THE ACCURACY AND VALIDITY OF THE TEST DATA CONTAINED ON THIS FORM AND CERTIFY THAT NO DELIBERATE MISREPRESENTATION OF TEST RESULTS, IN ANY MANNER, HAS OCCURRED.

PRINT NAME LEGIBLY w / HICAMS #

QA / QC TECHNICIANS SIGNATURE